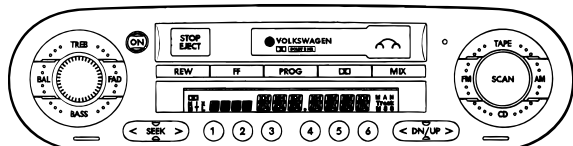
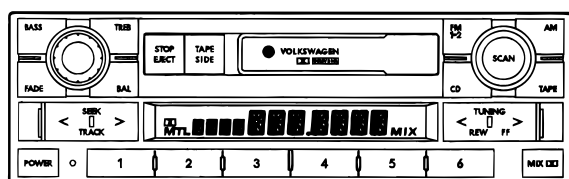


Service Manual



PU-1569A



PU-1582A

VOLKS WAGEN
Automobile Genuine
AM/FM Radio Cassette Stereo

Model **PU-1569A-C**
(Genuine No. 1CO 035 180)
(Illumination : Red)

Model **PU-1582A-C**
(Genuine No. 1JO 035 180A)
(Illumination : Red)

Model **PU-1582A-D**
(Genuine No. 1JO 035 180)
(Illumination : Green)

SPECIFICATIONS

Radio section

Tuning system: PLL Frequency synthesizer system
Receive range: AM 530kHz to 1,710kHz
FM 87.9MHz to 107.9MHz

Intermediate frequency:

AM 450kHz
FM 10.7MHz

Quieting sensitivity: AM Less than 38dB μ (at 26dB S/N)
FM Less than 10dB μ (at 30dB S/N)

Separation: FM More than 26dB

Auto tuning stop sensitivity:

AM 42 ± 3 dB μ
FM 23 ± 3 dB μ

FF/REW time: 120sec.(C-60)

General

Output power: 40W \times 4(MAX)
Power supply voltage: DC13.2V(10.8V to 15.6V)
Negative ground

Consumptive current: Less than 10A(MAX)

Dimensions(mm): 179(W) \times 50(H) \times 159(D)

Weight: 1.3kg

Tape section

Reproducing system:

4 track 2 program
2 channel stereo system

Wow and flutter: Less than 0.3%(W.R.M.S)

Separation: More than 40dB

Cross talk: More than 40dB

S/N ratio: Normal tape(120 μ s)
More than 48dB(DOLBY B NR OFF)
More than 56dB(DOLBY B NR ON)
Metal tape(70 μ s)
More than 50dB(DOLBY B NR OFF)
More than 58dB(DOLBY B NR ON)

Dolby noise reduction manufactured under license from Dolby Laboratories Licensing Corporation. "DOLBY" and the double-D symbol are trademarks of Dolby Laboratories Licensing Corporation. Specifications and design are subject to change without notice for further improvement.

COMPONENTS

PU-1569A-C/PU-1582A-C/PU-1582A-D

Main unit _____ 1

To engineers in charge of repair or inspection of our products.

Before repair or inspection, make sure to follow the instructions so that customers and Engineers in charge of repair or inspection can avoid suffering any risk or injury.

1. Use specified parts.

The system uses parts with special safety features against fire and voltage. Use only parts with equivalent characteristics when replacing them.

The use of unspecified parts shall be regarded as remodeling for which we shall not be liable. The onus of product liability (PL) shall not be our responsibility in cases where an accident or failure is as a result of unspecified parts being used.

2. Place the parts and wiring back in their original positions after replacement or re-wiring.

For proper circuit construction, use of insulation tubes, bonding, gaps to PWB, etc., is involved. The wiring connection and routing to the PWB are specially planned using clamps to keep away from heated and high voltage parts. Ensure that they are placed back in their original positions after repair or inspection.

If extended damage is caused due to negligence during repair, the legal responsibility shall be with the repairing company.

3. Check for safety after repair.

Check that the screws, parts and wires are put back

securely in their original position after repair. Ensure for safety reasons there is no possibility of secondary problems around the repaired spots.

If extended damage is caused due to negligence of repair, the legal responsibility shall be with the repairing company.

4. Caution in removal and making wiring connection to the parts for the automobile.

Disconnect the battery terminal after turning the ignition key off. If wrong wiring connections are made with the battery connected, a short circuit and/or fire may occur. If extensive damage is caused due to negligence of repair, the legal responsibility shall be with the repairing company.

5. Cautions regarding chips.

Do not reuse removed chips even when no abnormality is observed in their appearance. Always replace them with new ones. (The chip parts include resistors, capacitors, diodes, transistors, etc.). The negative pole of tantalum capacitors is highly susceptible to heat, so use special care when replacing them and check the operation afterwards.

6. Cautions in handling flexible PWB

Before working with a soldering iron, make sure that the iron tip temperature is around 270 °C. Take care not to apply the iron tip repeatedly (more than three times) to the same patterns. Also take care not to apply the tip with force.

7. Turn the unit OFF during disassembly and parts replacement. Recheck all work before you apply power to the unit.

COMPUTER ANTI-THEFT SYSTEM

This unit has a built-in Computer Anti-Theft System (CATS) which makes the radio inoperative if power to the unit is interrupted for any reason whatsoever (including disconnection and reconnection of the car battery). The radio will remain inoperative unless you enter the correct CATS code number.

Release CATS

1. Press the power button to turn on the power.

("SAFE" appears on the display, and "1000" appears 3 seconds later.)

2. Press 1, 2, 3 or 4 button the number of times necessary for the secret number (CATS code) and display the code number.

3. Press the "MANUAL UP" or "SEEK UP" button more than 2 seconds.

If the input code number is correct, the radio turns on. A radio frequency appears on the display.

4. If the input code number is incorrect, "SAFE" flashes on the display, and "1000" re-appears 3 seconds later. Input the correct code number and press the "MANUAL UP" or "SEEK UP" button more than 2 seconds.

If you input an incorrect code number two times in succession, it becomes impossible to input the code for one hour. Wait one hour with the power on ("SAFE" remains on the display). After one hour, "1000" re-appears on the display and input the correct code number.

ADJUSTMENTS

Item	Procedure	Measuring instrument
Limiter	1. Input a 98.1MHz/65dB μ (1kHz 30% MOD) signal. 2. Set an output level to 0dB (=775mV) with main volume. 3. Adjust VR102 so that the output is -3 ± 1 dB when SSG output is set 7dB μ .	SSG Milli volt meter
FM SD	1. Connect TP101(+5V) to TP100(RF-MUTE). 2. Input a 107.9MHz/21dB μ (1kHz 30% MOD) signal. 3. Adjust VR101 so that an output of TP102 is just high level.	SSG Oscilloscope
AM SD	1. Connect TP101(+5V) to TP100(RF-MUTE). 2. Input a 1000kHz/42dB μ (1kHz 30% MOD) signal. 3. Adjust VR100 so that an output of TP103 is just high level.	SSG Oscilloscope
Dolby level	1. Insert a Dolby level test tape (400Hz, 200nWb/m). 2. Adjust VR600(L)/VR601(R) so that an output of TP600(L)/TP601(R) is 388mV \pm 1dB.	Dolby level tape Milli volt meter

EXPLANATION OF IC

■ MB89677ARPF-G-147 BND 052-3137-01 Main Micro Computer

Outward Form

80 pins, plastic QFP

Terminal Description

No.	Symbol	I/O	Function
1	POWER/EJECT	I	Used to judge POWER KEY or EJECT key when POWER/EJECT SW changes. When "Hi" it is EJECT key
2	CD CLK	I	Clock input terminal from CD A/C
3	R \overline{X}	I	Data input terminal from self-diagnostic tester. Connected to IC (U537) for diagnosis
4	TX	O	Data output terminal to self-diagnostic tester. Connected to IC (U537) for diagnosis. Used in Nch output.
5	SCA DATA	I/O	DATA input/output terminal between cassette mechanism
6	BEEP	O	Beep signal output terminal. Outputs 0.6kHz for 100msec
7	SCA CLK OUT	O	Clock output terminal to cassette mechanism
8 9 10	N.C.	O	Not in use
11 12	MODE 0 MODE 1	I	Connected to GND to designate internal ROM mode
13 14	XO XI	O I	Connection terminal of crystal oscillator. Connects 8MHz crystal.
15	VSS	-	15 GND terminal
16	RST	I	External reset input terminal
17	MAIN 5V	O	5V power supply control terminal
18	MAIN 14V	O	14V power supply control terminal
19	REM AMP ON	O	Controlling terminal of external amplifier. "Hi" output in POWER ON
20	AUDIO MUTE	O	Audio mute control signal output terminal. "Lo" in MUTE ON.
21	VOL DATA	O	Data output terminal to electronic volume IC "M62419FP"
22	VOL CLK	O	Clock output terminal to electronic volume IC "M62419FP"
23	TAPE ON	O	Turns this port to "Lo" in "TAPE PLAY" or "NO TAPE"
24	PHANTOM ON	O	Turns this port to "Hi" in antenna diagnosis
25	BOSE STB	O	Output terminal of the strove to electronic volume IC "TC9212F"
26	BOSE ON	O	"Hi" output in BOSE compliant
27	EQ CE	O	CE, data, clock output terminal for EQ IC (LC3100M)
28 29	EQ BOSE DATA EQ BOSE CLOCK	O	Data and clock output terminal for "LV3100M" and "TC9212F"
30 31	VOLUME 2 VOLUME 1	I	Rotary switch input terminal
32	SK	O	Clock output terminal to EEPROM "NM93C46" and PLL IC "LC72191"
33	DO	O	Data output terminal to EEPROM "NM93C46" and PLL IC "LC72191"
34	PLL DI	I	Data input terminal from PLL IC "LC72191"
35	E ² PROM CS	O	Chip select output terminal for E ² PROM "NM93C4Y6"
36	PLL CE	O	Chip enable output terminal for PLL IC "LC72191"
37	AM SD	I	SD input terminal for AM. "Hi" means "stations detected"
38	FM SD	I	SD input terminal for FM. "Hi" means "stations detected"
39	SCA ENABLE	O	"Lo" output in data transmission to cassette mechanism
40	EEPROM DI	O	Data input terminal from E ² PROM "NM93C46"
41	SCA ME/ \overline{FE}	I	Metal information input terminal. "Hi" input when metal tape

No.	Symbol	I/O	Function
42	TAPE TRACK SW	O	Output terminal to inform DOLBY IC of running direction of cassette tape. When winding tape (A-side) forward, Hi.
43	TAPE DOLBY ON	O	DOLBY OFF: "Hi", DOLBY ON: "Lo"
44	APC DET	I	Detection signal input terminal for blanks between music. When no music detected, Lo.
45 46 47 48	FR CLIP ON RR CLIP ON RL CLIP ON FL CLIP ON	O	Control of clip input for speaker. "Hi" output to speakers which detects clip.
49	CATS LED	O	CATS LED set to flash every 2 seconds after ACC OFF
50	EE INITIAL	I	When this port is "Lo" for 2 seconds it makes initial setup of the data within EEPROM except CATS codes
51	MAIN CLK OUT	O	Clock output terminal to sub micro computer
52	MAIN DATA OUT	O	Data output terminal to sub micro computer
53	SUB RESET	O	Reset output terminal to sub micro computer
54	CONTROL+	I	Input terminal to detect whether REM AMP ON terminal is shorted. "Lo" when shorted
55	VCC	-	Power supply input terminal
56	SUB DATA IN	I	Data input terminal from sub micro computer
57	CD DATA OUT	O	Command data transmission terminal to CD A/C
58	VSS	-	GND terminal
59	ENABLE OUT	O	Output terminal of the ENABLE to sub micro computer
60	AMP ON	O	Internal amplifier control terminal. "Hi" output in AMP ON. "Lo" when BOSE compliant
61	POWER/EJECT SW	I	Turns "Lo" when POWER SW or EJECT SW is pressed
62	ACC IN	I	ACC input terminal. ACC ON when "Lo"
63	ENABLE IN	I	Enable input terminal from sub micro computer
64	SCA SWITCH	I	PACK IN signal input from cassette mechanism. "Lo" in PACK OUT
65	SCA CLOCK IN	I	Clock input terminal from cassette mechanism
66	DIAG RX	I	Signal input terminal from self-diagnostic tester
67	SUB CLK IN	I	Clock input terminal from sub micro computer
68	VOLUME IN	I	Rotary switch pulse input terminal to detect quick rotation of rotary switch
69	DIAG PHANTOM	I	Input terminal to judge PHANTOM circuit status
70 71	N.C.	I	Not in use
72	BACK UP AD	I	BACK UP voltage detection input terminal
73	S-METER IN	I	Input terminal to detect electric field strength measuring in TEST mode
74	MULPASS IN	I	Input terminal to judge multi- pass level in FM
75	NEIGHBOR IN	I	Input terminal to judge interference level of adjacent channel signals in FM
76	AF LEVEL IN	I	Input terminal to judge FM modulation level
77	AVCC	I	A/D converter power supply terminal
78	AVR	I	A/D converter voltage reference input terminal
79	AVSS	-	Connected to GND
80	CD DATA IN	I	Input terminal of data for display from CD A/C

Outward Form

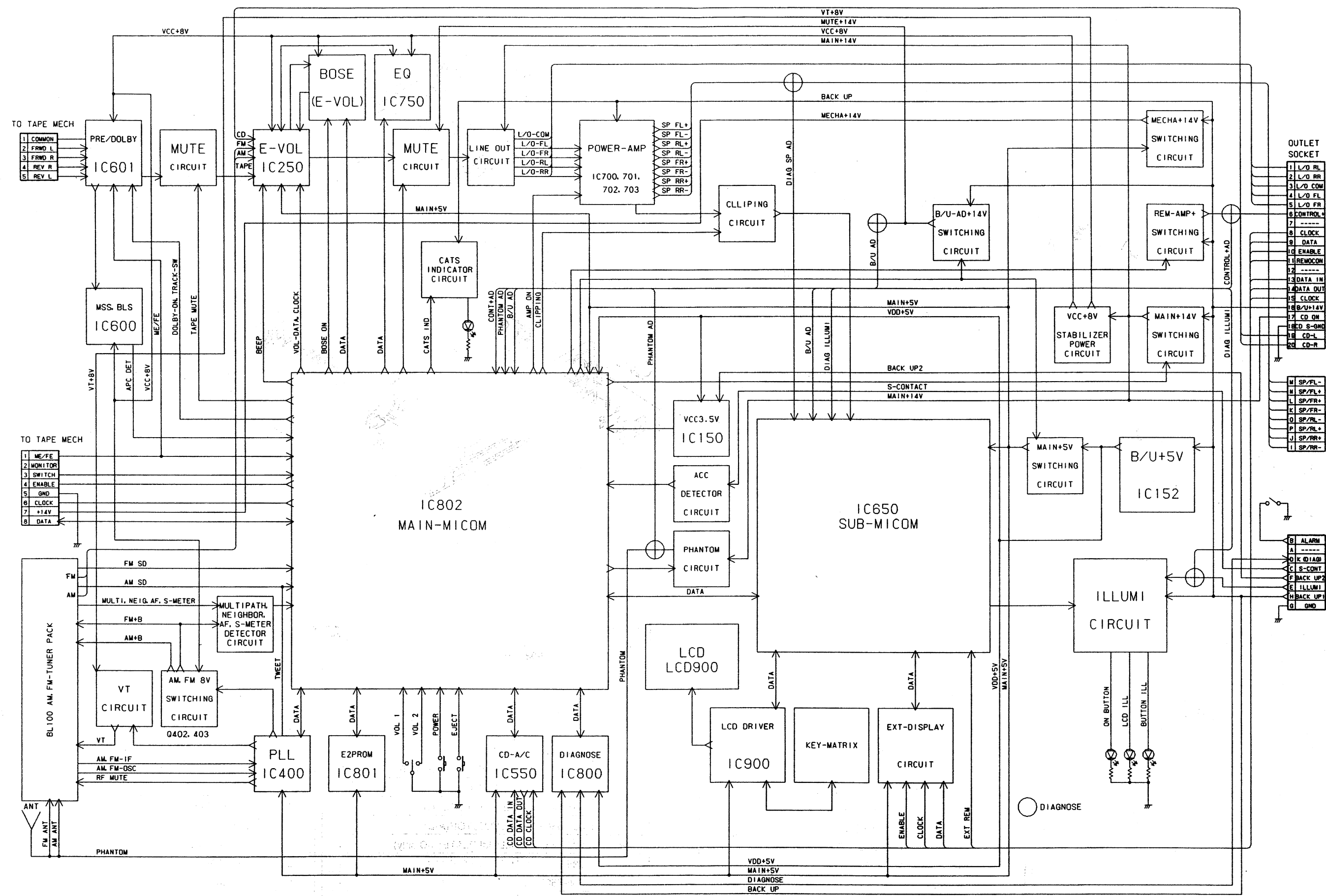
64 pins, plastic QFP

Terminal Description

No.	Symbol	I/O	Function																
1	DISP DATA	O	Transmission terminal of data for display to EXT DISPLAY																
2	DISP ENAIN	I	Input terminal of the ENABLE from EXT DISPLAY																
3 4	N.C.	I	Not in use																
5 6 7 8	DIAG SP FL AD DIAG SP FR AD DIAG SP RL AD DIAG SP RR AD	I	Used for diagnosis by self-diagnostic speaker																
9	BACK UP AD	I	Used for diagnosis by self-diagnostic speaker																
10	CLIP AD	I	Used for clip detection																
11	AVCC	—	A/D converter power supply terminal																
12	AVR	—	A/D converter voltage reference input terminal																
13	AVSS	—	Connected GND																
14	EXT REM	I	Remote control input terminal																
15	KEY REQ	I	Key request input terminal from uPD16431																
16	CLIPPING	I	Clip signal input terminal from POWER IC. Lowers volume in clip																
17	DIAG ILL	I	Illumination pulse detection input terminal																
18	N.C.	I	Not in use																
19	RST	I	External reset input terminal																
20 21	MODE 0 MODE 1	I	Connected to GND to designate internal ROM mode																
22 23	XI XO	I O	Clock terminal (8 MHz)																
24	VSS	—	GND terminal																
25 31	N.C.	O	Not in use																
32	ENABLE OUT	O	Output terminal of the ENABLE to main micro computer																
33 40	N.C.	O	Not in use																
41 42	BOSE SW2 BOSE SW1	I	Switch for BOSE compliant/non-compliant <table><tr><td>SW1</td><td>SW2</td><td></td></tr><tr><td>0</td><td>0</td><td>Contents of bite coding of self-diagnostic tester</td></tr><tr><td>0</td><td>1</td><td>BOSE in compliant</td></tr><tr><td>1</td><td>0</td><td>BOSE compliant</td></tr></table>	SW1	SW2		0	0	Contents of bite coding of self-diagnostic tester	0	1	BOSE in compliant	1	0	BOSE compliant				
SW1	SW2																		
0	0	Contents of bite coding of self-diagnostic tester																	
0	1	BOSE in compliant																	
1	0	BOSE compliant																	
43 44	DIAG SW2 DIAG SW1	I	Switches of part No. display and NEW BEETLE/ A4 mode for self-diagnostic parts <table><tr><td>SW1</td><td>SW2</td><td>Part No. display</td><td>NEW BEETLE/A4</td></tr><tr><td>0</td><td>0</td><td>ICO 035 180 (blue/red)</td><td>NEW BEETLE</td></tr><tr><td>0</td><td>1</td><td>IJO 035 180A (blue/red)</td><td>A4</td></tr><tr><td>1</td><td>0</td><td>IJO 035 180 (green)</td><td>A4</td></tr></table>	SW1	SW2	Part No. display	NEW BEETLE/A4	0	0	ICO 035 180 (blue/red)	NEW BEETLE	0	1	IJO 035 180A (blue/red)	A4	1	0	IJO 035 180 (green)	A4
SW1	SW2	Part No. display	NEW BEETLE/A4																
0	0	ICO 035 180 (blue/red)	NEW BEETLE																
0	1	IJO 035 180A (blue/red)	A4																
1	0	IJO 035 180 (green)	A4																
45	LCD OE	O	Output terminal to turn off LCD display																
46	LCD STB	O	Output terminal of the strove to display driver "uPD16431A".																
47	LCD CLK	O	Clock output terminal to display driver "uPD16431A".																
48	LCD DATA	I/O	Serial data input/ output terminal to display driver "uPD16431A".																
49	VSS	—	GND terminal																
50	ENABLE IN	I	Input terminal of the ENABLE from main micro computer																
51	MAIN CLK IN	I	Clock input terminal to input data from main micro computer																
52	N.C.	O	Not in use																

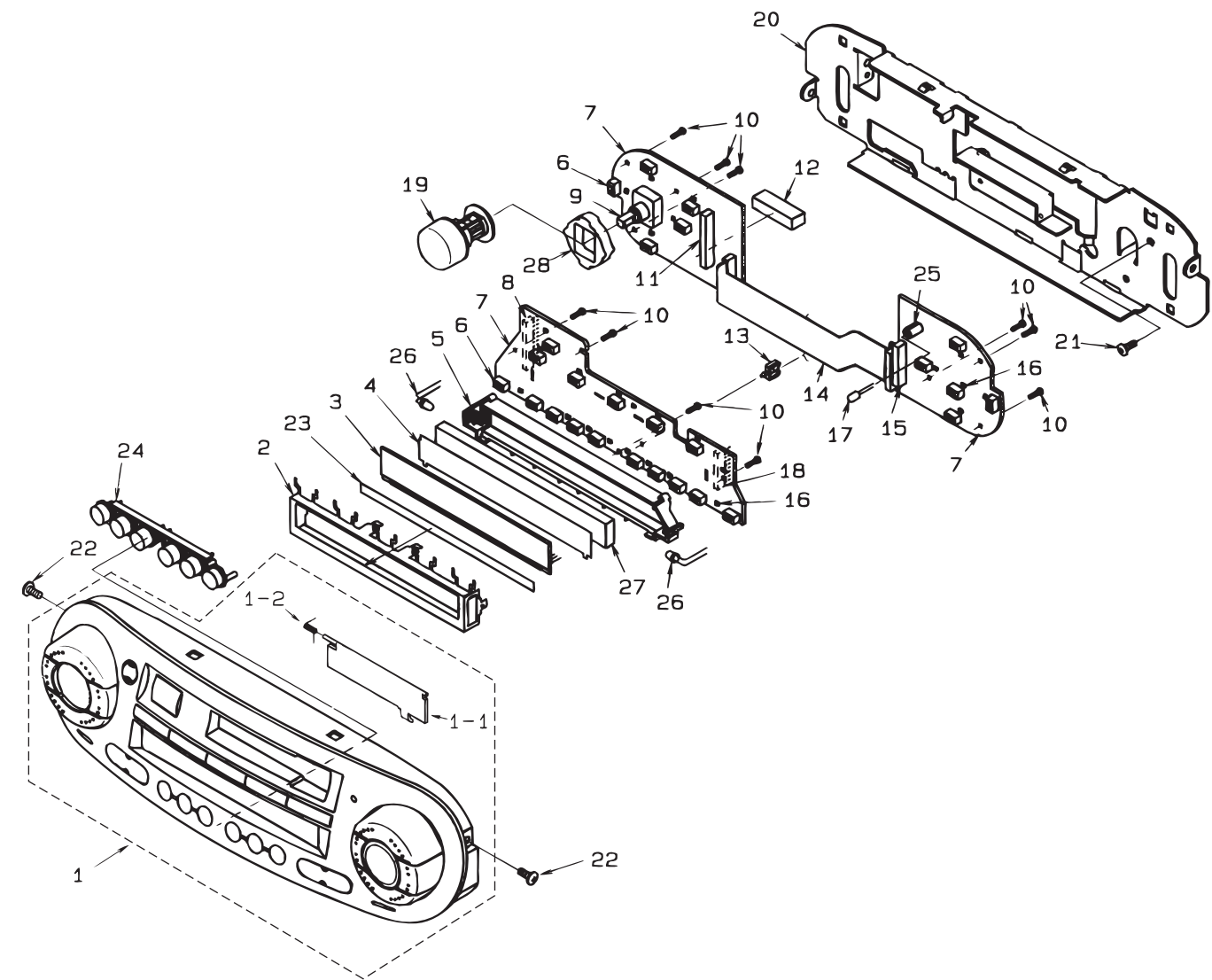
No.	Symbol	I/O	Function
53	MAIN DATA IN	I	Data input terminal to input data from main micro computer
54	SUB CLK OUT	O	Clock transmission terminal to main micro computer
55	SUB DATA OUT	O	Data transmission terminal to main micro computer
56	VCC	-	Power supply input terminal
57 58	ILL CONT1 ILL CONT2	O	Illumination control terminal. Controls this terminal with LCD display ON/OFF
59 61	N.C.	O	Not in use
62	DISP ENAOUT	O	Output terminal of the ENABLE to EXT DISPLAY
63	N.C.	O	Not in use
64	DISP CLK	O	Clock transmission terminal to EXT DISPLAY

■ BLOCK DIAGRAM



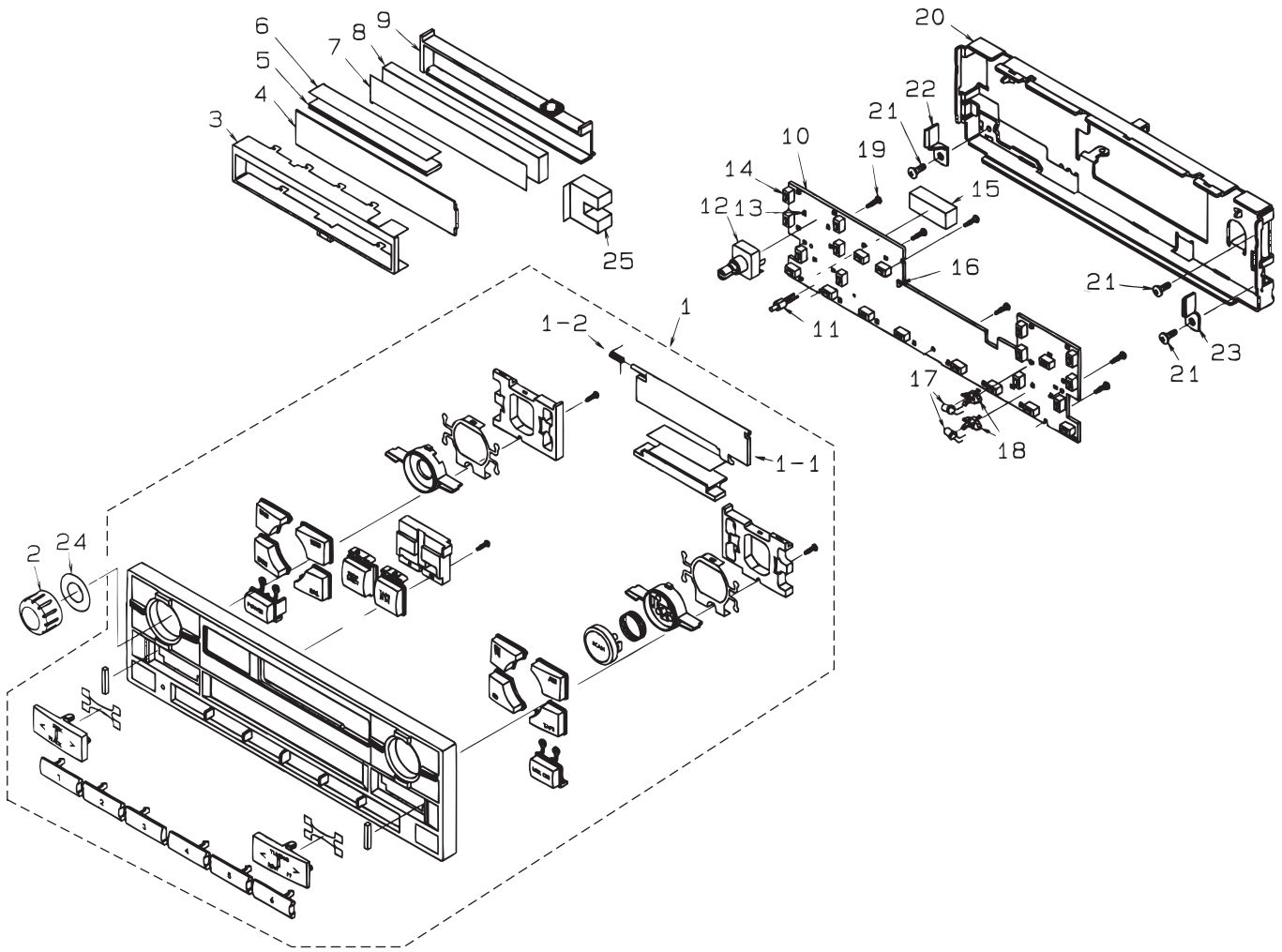
EXPLODED VIEW • PARTS LIST

Escutcheon section for PU-1569A-C



NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	940-7791-03	ESCUTCHEON ASS'Y	1	14	854-4298-30	EXTENSION LEAD	1
1-1	320-0541-00	DUSTPROOF COVER	1	15	074-0880-09	OUTLET SOCKET	1
1-2	750-2309-01	SPRING	1	16	001-7031-04	RED LED	25
2	750-3234-01	LCD HOLDER	1	17	001-0412-19	RED DIODE	1
3	379-1089-40	INDICATOR	1	18	076-0541-09	PLUG	1
4	335-5521-00	REFLECTOR	1	19	380-5402-00	KNOB	1
5	335-5520-00	SPRING HOLDER	1	20	309-0689-01	FRONT PLATE	1
6	013-6302-01	SWITCH	26	21	731-2608-80	TAPTIGHT	1
7	039-0939-01	SWITCH PWB	1	22	714-3006-81	MACHINE SCREW	2
8	076-0541-12	PLUG	1	23	347-5496-00	INSULATOR	1
9	016-0012-00	VARIABLE RESISTOR	1	24	382-4535-00	BUTTON(1 ~ 6)	1
10	716-0872-01	SCREW	10	25	340-4323-00	SPACER	1
11	074-0880-12	OUTLET SOCKET	1	26	001-7035-00	BLUE LED	2
12	074-1105-16	OUTLET SOCKET	1	27	335-5522-01	ILLUMI PLATE	1
13	335-3700-00	MINI-SADDLE	1	28	345-7971-00	CUSHION RUBBER	1

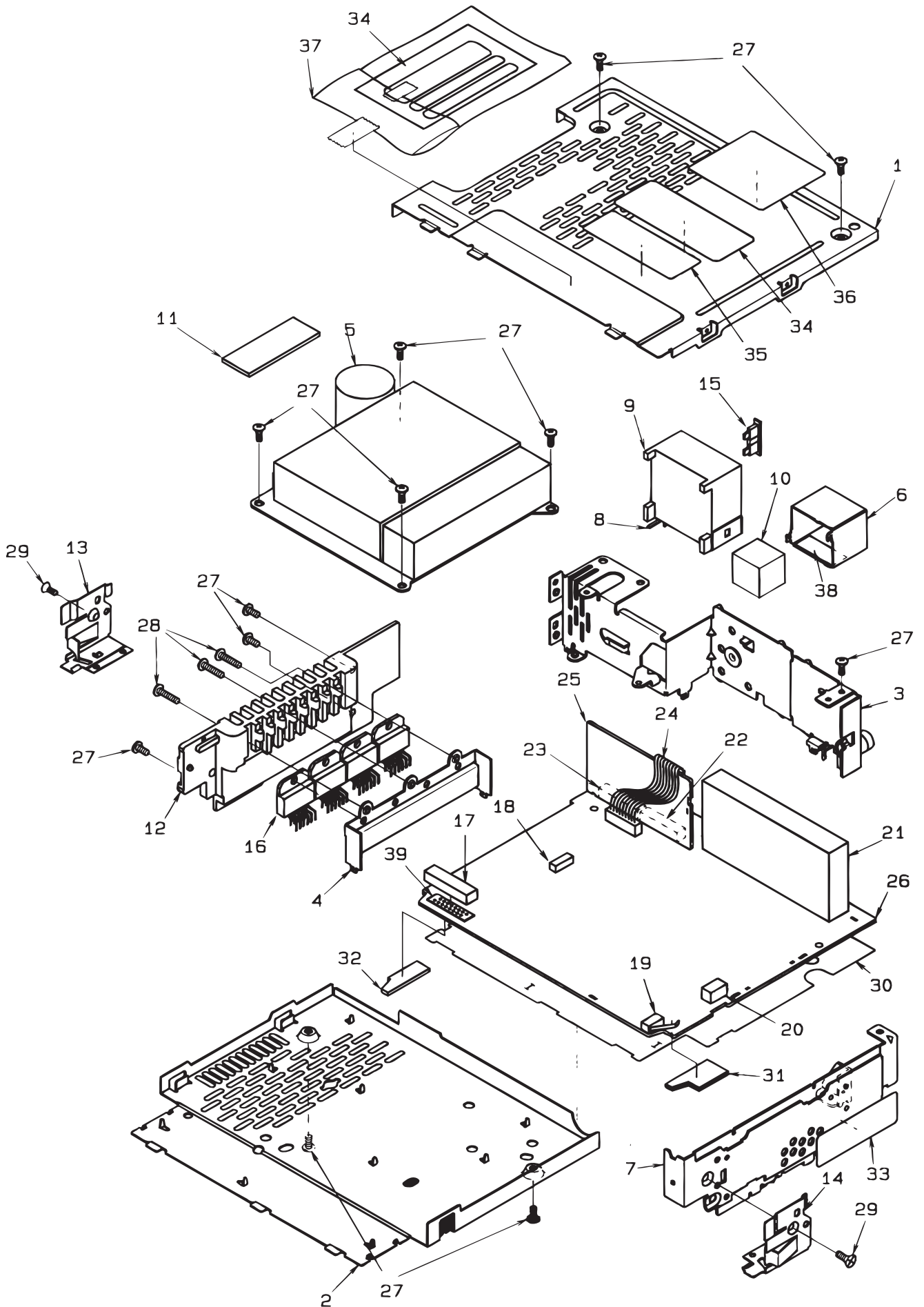
Escutcheon section for PU-1582A-C/A-D



NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	940-7808-03	ESCUTCHEON ASS'Y	1	12	016-0012-01	VARIABLE RESISTOR	1
1-1	320-0545-00	DUSTPROOF COVER	1	13	001-7031-04	RED LED(A-C)	25
1-2	750-2309-01	SPRING	1		001-7031-03	GREEN LED(A-D)	34
2	380-5408-01	KNOB	1	14	013-6302-01	SWITCH	23
3	331-2175-00	LCD HOLDER	1	15	074-1105-16	OUTLET SOCKET	1
4	379-1100-40	LCD	1	16	001-7021-03	RED DIODE(A-C)	1
5	345-7951-00	RUBBER CONNECTOR	1		001-7021-00	GREEN DIODE(A-D)	1
6	347-5500-00	SPACER	1	17	001-7035-00	BLUE DIODE(A-C only)	2
7	335-5490-00	REFLECTOR(A-C)	1	18	335-5488-00	LED HOLDER(A-C only)	2
	335-5562-00	REFLECTOR(A-D)	1	19	716-0872-01	PAD SCREW	7
8	335-5489-00	ILLUMI PLATE(A-C only)	1	20	309-0688-00	FRONT PLATE	1
9	335-5506-00	LCD HOLDER(A-C)	1	21	731-2608-80	TAPTIGHT	3
	335-5527-00	LCD HOLDER(A-D)	1	22	331-2075-00	REMOVAL GUIDE(L)	1
10	039-1009-00	SWITCH PWB(A-C)	1	23	331-2076-00	REMOVAL GUIDE(R)	1
	039-1052-00	SWITCH PWB(A-D)	1	24	353-0491-00	SHADE	1
11	001-7025-00	RED DIODE	1	25	345-7974-00	SHADE(A-C only)	1

Main section

Parts list on next page.



NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	303-0462-01	UPPER COVER	1	22	076-0324-13	PLUG(13P)	1
2	304-0448-00	LOWER COVER(PU1569A)	1	23	076-0324-10	PLUG(10P)	1
	304-0447-00	LOWER COVER(PU1582A)	1	24	854-4299-30	EXTENSION LEAD	1
3	331-2072-00	REAR PLATE	1	25	039-0938-01	CONNECTOR PWB	1
4	331-2073-00	IC BRACKET	1	26	039-0937-02	MAIN PWB	1
5	930-1006-00	TAPE MECH	1	27	731-2608-80	TAPTIGHT	12
6	331-2077-00	SHIELD CASE	1	28	731-2612-87	TAPTIGHT	3
7	331-2078-00	SIDE PLATE	1	29	714-3006-40	MACHINE SCREW	2
8	331-2079-00	SOCKET HOLDER	1	30	347-5509-00	INSULATOR(PU1569A)	1
9	074-1159-00	OUTLET SOCKET	1		347-5529-00	INSULATOR(PU1582A)	1
10	009-0666-62	CHOKE	1	31	347-5510-00	INSULATOR(PU1569A only)	1
11	347-5477-00	INSULATOR	1	32	347-5511-00	INSULATOR(PU1569A only)	1
12	313-1687-01	HEAT SINK	1	33	286-8871-00	SETPLATE(PU1569AC)	1
13	750-3230-01	SIDE SPRING-L(PU1569A)	1		286-8867-00	SETPLATE(PU1582AC)	1
	750-3233-01	SIDE SPRING-L(PU1582A)	1		286-8872-00	SETPLATE(PU1582AD)	1
14	750-3231-01	SIDE SPRING-R(PU1569A)	1	34	290-6735-01	LABEL(PU1569AC)	1
	750-3232-01	SIDE SPRING-R(PU1582A)	1		290-6720-01	LABEL(PU1582AC)	1
15	060-0057-56	AUTO FUSE(10A)	1		290-6736-01	LABEL(PU1582AD)	1
16	051-2019-00	IC	4	35	290-6721-00	LABEL(DOLBY)	1
17	076-0515-16	PLUG	1	36	290-6722-00	LABEL(CONNECTION)	1
18	074-1153-08	OUTLET SOCKET(8P)	1	37	253-0380-01	POLY BAG	1
19	013-7104-00	SWITCH(ALARM)	1	38	347-4068-00	SPACER	1
20	074-1154-05	OUTLET SOCKET(5P)	1	39	347-5592-00	PAPER	1
21	880-1953B	TUNER PACK	1				

ELECTRICAL PARTS LIST

Note) Several different parts of the same reference number are alternative parts.
One of those parts is used in the set.

Main PWB section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C 100	178-1042-78	0.1 μ F	C 260	183-1063-31	16V10 μ F	C 400	183-3353-61	50V3.3 μ F
C 101	176-2201-00	22pF CH	C 261	183-2253-61	50V2.2 μ F	C 401	178-1032-78	0.01 μ F
C 102	184-4773-22	10V470 μ F	C 262	183-2253-61	50V2.2 μ F	C 403	183-2263-11	6.3V22 μ F
C 106	183-1073-22	10V100 μ F	C 263	182-1073-13	6.3V100 μ F	C 404	178-1032-78	0.01 μ F
C 108	178-1032-78	0.01 μ F	C 269	178-1032-78	0.01 μ F	C 405	176-1501-00	15pF CH
C 109	178-2732-78	0.027 μ F	C 270	183-1063-31	16V10 μ F	C 406	176-1501-00	15pF CH
C 110	178-2732-78	0.027 μ F	C 271	183-1053-61	50V1 μ F	C 407	178-1022-78	1000pF
C 111	178-5632-78	0.056 μ F	C 272	183-1053-61	50V1 μ F	C 408	176-1007-00	10pF CH
C 112	176-1011-00	100pF CH	C 273	183-1053-61	50V1 μ F	C 409	176-1007-00	10pF CH
C 113	176-1011-00	100pF CH	C 274	183-1053-61	50V1 μ F	C 410	176-1007-00	10pF CH
C 114	183-2253-62	50V2.2 μ F	C 277	178-1042-78	0.1 μ F	C 450	178-1822-78	1800pF
C 115	183-2253-62	50V2.2 μ F	C 278	178-1032-78	0.01 μ F	C 451	178-1822-78	1800pF
C 116	178-4732-78	0.047 μ F	C 279	183-1063-31	16V10 μ F	C 452	178-1822-78	1800pF
C 117	176-2201-00	22pF CH	C 280	183-1063-31	16V10 μ F	C 453	178-1822-78	1800pF
C 118	178-1032-78	0.01 μ F	C 300	178-1022-78	1000pF	C 500	183-1053-61	50V1 μ F
C 150	178-1032-78	0.01 μ F	C 301	178-1022-78	1000pF	C 501	183-1053-61	50V1 μ F
C 151	183-2253-62	50V2.2 μ F	C 302	178-3922-78	3900pF	C 502	183-1053-61	50V1 μ F
C 153	042-0171-00	16V47 μ F	C 303	178-6832-78	0.068 μ F	C 503	183-1053-61	50V1 μ F
C 154	172-1031-11	0.01 μ F	C 304	178-1022-78	1000pF	C 504	176-2701-00	27pF CH
C 155	172-1031-11	0.01 μ F	C 305	178-3322-78	3300pF	C 505	176-2701-00	27pF CH
C 156	184-4763-51	35V47 μ F	C 306	178-2232-78	0.022 μ F	C 506	176-2701-00	27pF CH
C 157	183-1063-31	16V10 μ F	C 307	178-1022-78	1000pF	C 507	176-2701-00	27pF CH
C 158	178-2232-78	0.022 μ F	C 308	183-1063-31	16V10 μ F	C 508	183-2263-31	16V22 μ F
C 159	178-1032-78	0.01 μ F	C 309	183-4763-11	6.3V47 μ F	C 509	183-2263-31	16V22 μ F
C 160	178-1032-78	0.01 μ F	C 310	178-2232-78	0.022 μ F	C 510	183-1073-21	10V100 μ F
C 200	178-2232-78	0.022 μ F	C 311	178-2232-78	0.022 μ F	C 511	183-2263-31	16V22 μ F
C 202	183-1063-31	16V10 μ F	C 312	178-1042-78	0.1 μ F	C 512	183-2263-31	16V22 μ F
C 203	178-3332-78	0.033 μ F	C 313	178-1042-78	0.1 μ F	C 513	183-6863-22	10V68 μ F
C 204	178-1042-78	0.1 μ F	C 314	183-4753-51	35V4.7 μ F	C 514	183-6863-22	10V68 μ F
C 250	183-1063-31	16V10 μ F	C 350	178-2212-78	220pF	C 600	176-1007-00	10pF CH
C 251	183-1063-31	16V10 μ F	C 351	178-1032-78	0.01 μ F	C 601	178-4732-78	0.047 μ F
C 252	178-4732-78	0.047 μ F	C 352	183-1063-31	16V10 μ F	C 602	183-1073-12	6.3V100 μ F
C 253	178-1032-78	0.01 μ F	C 353	183-1063-31	16V10 μ F	C 603	178-5612-78	560pF
C 254	178-1032-78	0.01 μ F	C 354	172-2241-11	0.22 μ F	C 604	178-5612-78	560pF
C 255	183-4753-51	35V4.7 μ F	C 355	172-1241-11	0.12 μ F	C 605	178-5612-78	560pF
C 256	183-4753-51	35V4.7 μ F	C 356	183-1063-31	16V10 μ F	C 606	178-5612-78	560pF
C 257	178-1042-78	0.1 μ F	C 357	183-1063-31	16V10 μ F	C 608	183-1063-31	16V10 μ F
C 258	178-1042-78	0.1 μ F	C 358	183-1063-31	16V10 μ F	C 609	183-1063-31	16V10 μ F
C 259	183-1063-31	16V10 μ F	C 359	182-2273-13	6.3V220 μ F	C 610	178-1032-78	0.01 μ F

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PU-1582A-C/A-D

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C 611	178-1032-78	0.01 μ F	C 774	173-4711-11	470pF J	IC 350	051-1500-00	NJM2060M
C 612	178-1542-78	0.15 μ F	C 775	173-4711-11	470pF J	IC 351	051-5009-00	TC9212F
C 613	183-2253-62	50V2.2 μ F	C 776	173-4711-11	470pF J	IC 352	051-1500-00	NJM2060M
C 614	178-1532-78	0.015 μ F	C 778	183-1063-31	16V10 μ F	IC 400	051-1887-05	LC72191MHS
C 615	178-1532-78	0.015 μ F	C 801	178-1032-78	0.01 μ F	IC 500	051-1500-00	NJM2060M
C 616	172-1041-11	0.1 μ F	C 802	183-1063-31	16V10 μ F	IC 501	051-3015-00	NJM4580M
C 617	172-1041-11	0.1 μ F	C 803	178-1032-78	0.01 μ F	IC 550	051-1181-05	TC4584BF
C 618	172-1041-11	0.1 μ F	C 804	183-4763-31	16V47 μ F	IC 600	051-0620-00	LA2000C
C 619	178-4722-78	4700pF	C 805	183-1053-61	50V1 μ F	IC 601	051-5201-00	TEA0675T
C 620	178-4722-78	4700pF	C 806	178-1032-78	0.01 μ F	IC 650	052-3138-01	MB89625RPFM-G-410BND
C 621	172-1041-11	0.1 μ F	C 807	183-1063-31	16V10 μ F			
C 622	172-2241-11	0.22 μ F	C 808	178-1032-78	0.01 μ F	IC 700	051-2019-00	TDA7396
C 623	172-2241-11	0.22 μ F	C 809	178-4732-78	0.047 μ F	IC 701	051-2019-00	TDA7396
C 624	178-1042-78	0.1 μ F	C 810	184-4773-12	6.3V470 μ F	IC 702	051-2019-00	TDA7396
C 625	183-1073-22	10V100 μ F	C 811	178-4732-78	0.047 μ F	IC 703	051-2019-00	TDA7396
C 626	178-2232-78	0.022 μ F	C 812	178-1022-78	1000pF	IC 750	051-5815-00	LC75280E
C 627	178-4742-78	0.47 μ F	C 813	178-1032-78	0.01 μ F	IC 800	051-5811-00	L9637D
C 629	178-1032-78	0.01 μ F	C 814	178-1042-78	0.1 μ F	IC 801	051-9400-18	
C 631	178-4742-78	0.47 μ F	C 851	184-1083-32	16V1000 μ F	IC 802	052-3137-01	MB89677ARPF-G-147BND
C 632	178-4742-78	0.47 μ F	C 950	183-1073-22	10V100 μ F			
C 633	183-1053-62	50V1 μ F	C 951	184-4773-22	10V470 μ F	L 100	010-2003-03	76 μ H
C 634	178-4742-78	0.47 μ F	C 952	183-1073-22	10V100 μ F	L 200	010-2330-16	4.7 μ H J
C 635	178-4742-78	0.47 μ F	C 953	184-4773-22	10V470 μ F	L 201	010-2334-00	8.2mH
C 636	184-2273-22	10V220 μ F	D 150	001-0330-00	1SS119	L 300	010-2046-44	1mH
C 650	178-1032-78	0.01 μ F	D 151	001-0376-69	MTZJ18B	L 301	010-2046-44	1mH
C 651	178-1032-78	0.01 μ F	D 153	001-0330-00	1SS119	L 400	010-2330-33	120 μ H J
C 652	183-1063-31	16V10 μ F	D 154	001-0376-29	MTZJ5.1B	L 650	010-2330-33	120 μ H J
C 653	178-6822-78	6800pF	D 155	001-0330-00	1SS119	Q 150	100-1162-00	2SA1162
C 654	183-2253-61	50V2.2 μ F	D 156	001-0466-00	S5688B	Q 151	102-2412-00	2SC2412
C 655	178-4742-78	0.47 μ F	D 157	001-0330-00	1SS119	Q 151	102-2712-00	2SC2712
C 656	178-4742-78	0.47 μ F	D 158	001-0376-29	MTZJ5.1B	Q 152	101-1243-00	2SB1243
C 657	178-4742-78	0.47 μ F	D 159	001-0330-00	1SS119	Q 153	100-1162-00	2SA1162
C 658	178-4742-78	0.47 μ F	D 160	001-0466-00	S5688B	Q 154	102-2412-00	2SC2412
C 659	178-4742-78	0.47 μ F	D 161	001-0330-00	1SS119	Q 154	102-2712-00	2SC2712
C 660	178-4742-78	0.47 μ F	D 162	001-0330-00	1SS119	Q 155	100-1431-00	2SA1431
C 661	178-4742-78	0.47 μ F	D 201	001-0466-00	S5688B	Q 156	102-2412-00	2SC2412
C 662	178-4742-78	0.47 μ F	D 202	001-0330-00	1SS119	Q 156	102-2712-00	2SC2712
C 665	178-2212-78	220pF	D 203	001-0330-00	1SS119	Q 157	100-1431-00	2SA1431
C 700	183-1543-62	50V0.15 μ F	D 206	001-0376-29	MTZJ5.1B	Q 158	102-2412-00	2SC2412
C 701	183-1543-62	50V0.15 μ F	D 300	001-0330-00	1SS119	Q 158	102-2712-00	2SC2712
C 702	183-1543-62	50V0.15 μ F	D 301	001-0330-00	1SS119	Q 200	100-1162-00	2SA1162
C 703	183-1543-62	50V0.15 μ F	D 302	001-0330-00	1SS119	Q 201	100-1162-00	2SA1162
C 704	178-1022-78	1000pF	D 303	001-0330-00	1SS119	Q 202	102-2412-00	2SC2412
C 705	178-1022-78	1000pF	D 304	001-0330-00	1SS119	Q 202	102-2712-00	2SC2712
C 706	172-1041-11	0.1 μ F	D 305	001-0330-00	1SS119	Q 251	125-2020-03	DTC124EK
C 707	172-1041-11	0.1 μ F	D 500	001-0528-36	MA8062-H	Q 252	125-2020-03	DTC124EK
C 708	184-2283-32	16V2200 μ F	D 500	001-0574-36	DTZ6.2C	Q 300	102-2412-00	2SC2412
C 709	183-1063-31	16V10 μ F	D 500	001-4300-36	HZU 6.2B3	Q 300	102-2712-00	2SC2712
C 710	183-1063-31	16V10 μ F	D 600	001-0330-00	1SS119	Q 301	102-2412-00	2SC2412
C 711	183-1053-61	50V1 μ F	D 650	001-0330-00	1SS119	Q 301	102-2712-00	2SC2712
C 712	183-1543-62	50V0.15 μ F	D 651	001-0330-00	1SS119	Q 400	102-2712-51	2SC2712G.L
C 713	183-1543-62	50V0.15 μ F	D 652	001-0330-00	1SS119	Q 401	102-2712-51	2SC2712G.L
C 714	183-1543-62	50V0.15 μ F	D 657	001-0454-00	MA700	Q 402	100-1297-00	2SA1297
C 715	183-1543-62	50V0.15 μ F	D 658	001-0330-00	1SS119	Q 403	100-1162-00	2SA1162
C 716	178-1022-78	1000pF	D 659	001-0330-00	1SS119	Q 450	103-1306-00	2SD1306
C 717	178-1022-78	1000pF	D 660	001-0330-00	1SS119	Q 451	103-1306-00	2SD1306
C 718	172-1041-11	0.1 μ F	D 661	001-0330-00	1SS119	Q 452	103-1306-00	2SD1306
C 719	172-1041-11	0.1 μ F	D 662	001-0330-00	1SS119	Q 453	103-1306-00	2SD1306
C 720	184-2283-32	16V2200 μ F	D 663	001-0330-00	1SS119	Q 454	125-0001-02	UN2112
C 721	183-1063-31	16V10 μ F	D 800	001-0466-00	S5688B	Q 454	125-0002-03	RN2403
C 722	183-1063-31	16V10 μ F	D 801	001-0376-38	MTZJ6.8B	Q 454	125-0014-03	DTA124EK
C 750	172-4731-11	0.047 μ F	D 809	001-0330-00	1SS119	Q 455	125-0001-02	UN2112
C 751	172-4731-11	0.047 μ F	D 810	001-0330-00	1SS119	Q 455	125-0002-03	RN2403
C 752	172-4731-11	0.047 μ F	D 850	001-0466-00	S5688B	Q 455	125-0014-03	DTA124EK
C 753	172-4731-11	0.047 μ F	D 851	001-0466-00	S5688B	Q 456	125-0001-02	UN2112
C 754	173-4711-11	470pF J	D 852	001-0330-00	1SS119	Q 456	125-0002-03	RN2403
C 755	173-4711-11	470pF J	D 853	001-0376-29	MTZJ5.1B	Q 456	125-0014-03	DTA124EK
C 756	173-4711-11	470pF J	D 854	001-0330-00	1SS119	Q 457	125-0001-02	UN2112
C 757	183-1063-31	16V10 μ F	D 855	001-0330-00	1SS119	Q 457	125-0002-03	RN2403
C 758	183-1063-31	16V10 μ F	D 856	001-0376-49	MTZJ10A	Q 457	125-0014-03	DTA124EK
C 759	183-1063-31	16V10 μ F	D 856	001-0377-48	MA4091H	Q 600	102-2412-00	2SC2412
C 760	173-4711-11	470pF J	D 856	001-0400-48	HZS9.1JB3	Q 600	102-2712-00	2SC2712
C 761	178-1032-78	0.01 μ F	D 857	001-0346-14	MTZJ T-77 3.0A	Q 601	100-1431-00	2SA1431
C 762	183-1063-31	16V10 μ F	D 950	001-0376-47	MTZJ9.1B	Q 602	102-2412-00	2SC2412
C 763	183-1063-31	16V10 μ F	D 950	001-0377-46	MA4091L	Q 602	102-2712-00	2SC2712
C 764	183-1063-31	16V10 μ F	D 950	001-0400-46	HZS9.1JB1	Q 603	103-1306-00	2SD1306
C 765	178-1032-78	0.01 μ F	D 951	001-0376-47	MTZJ9.1B	Q 604	103-1306-00	2SD1306
C 766	183-1063-31	16V10 μ F	D 951	001-0377-46	MA4091L	Q 650	102-2412-00	2SC2412
C 767	173-4711-11	470pF J	D 951	001-0400-46	HZS9.1JB1	Q 650	102-2712-00	2SC2712
C 768	183-1063-31	16V10 μ F	IC 150	051-5405-08	S-80723AN-DL-T1	Q 651	102-2412-00	2SC2412
C 769	182-2263-22	10V22 μ F	IC 152	051-1834-00	LM2936	Q 651	102-2712-00	2SC2712
C 770	172-4731-11	0.047 μ F	IC 200	051-1081-00	NJM082BM	Q 653	100-1162-00	2SA1162
C 771	172-4731-11	0.047 μ F	IC 250	051-5008-00	M62419FP	Q 700	125-2004-02	RN1402
C 772	172-4731-11	0.047 μ F	IC 251	051-7102-08	TC4066BFSEL	Q 700	125-2005-01	UN2211
C 773	172-4731-11	0.047 μ F	IC 300	051-0556-01	NJM2058M	Q 700	125-2020-02	DTC114EK

REF No.	PART No.	DESCRIPTION
Q 701	125-2004-02	RN1402
Q 701	125-2005-01	UN2211
Q 701	125-2020-02	DTC114EK
Q 702	125-2004-02	RN1402
Q 702	125-2005-01	UN2211
Q 702	125-2020-02	DTC114EK
Q 703	125-2004-02	RN1402
Q 703	125-2005-01	UN2211
Q 703	125-2020-02	DTC114EK
Q 802	102-2412-00	2SC2412
Q 802	102-2712-00	2SC2712
Q 803	102-2412-00	2SC2412
Q 803	102-2712-00	2SC2712
Q 850	102-2412-00	2SC2412
Q 850	102-2712-00	2SC2712
Q 851	100-1297-00	2SA1297
Q 852	102-2412-00	2SC2412
Q 852	102-2712-00	2SC2712
Q 853	101-1434-00	2SD1434
Q 854	102-2412-00	2SC2412
Q 854	102-2712-00	2SC2712
Q 855	100-1297-00	2SA1297
Q 856	102-2412-00	2SC2412
Q 856	102-2712-00	2SC2712
Q 857	103-1858-00	2SD1858
Q 950	103-1858-00	2SD1858
Q 951	103-1858-00	2SD1858
Q 952	103-1858-00	2SD1858
Q 953	103-1858-00	2SD1858
R 100	117-8221-10	1/10W 8.2k
R 101	117-4721-10	1/10W 4.7k
R 102	117-4721-10	1/10W 4.7k
R 103	117-1031-10	1/10W 10k
R 104	117-2221-10	1/10W 2.2k
R 105	117-3321-10	1/10W 3.3k
R 106	117-3321-10	1/10W 3.3k
R 107	117-8211-10	1/10W 820
R 108	111-1091-91	1/4WS 1
R 151	117-1541-10	1/10W 150k
R 152	117-1051-10	1/10W 1M
R 153	117-1841-10	1/10W 180k
R 155	117-2231-10	1/10W 22k
R 156	117-2231-10	1/10W 22k
R 158	117-1021-10	1/10W 1k
R 159	117-4731-10	1/10W 47k
R 160	111-1001-81	1/2WS 10
R 161	111-2201-91	1/4WS 22
R 162	117-1031-10	1/10W 10k
R 164	117-1031-10	1/10W 10k
R 165	117-1521-10	1/10W 1.5k
R 166	117-1831-10	1/10W 18k
R 167	117-4721-10	1/10W 4.7k
R 168	117-1021-10	1/10W 1k
R 169	117-1031-10	1/10W 10k
R 171	117-4721-10	1/10W 4.7k
R 172	111-1821-91	1/4WS 1.8k
R 173	117-2231-10	1/10W 22k
R 174	117-4721-10	1/10W 4.7k
R 176	117-2231-10	1/10W 22k
R 177	111-2221-91	1/4WS 2.2k
R 178	117-1011-10	1/10W 100
R 200	117-1021-10	1/10W 1k
R 201	117-4791-10	1/10W 4.7
R 202	117-4791-10	1/10W 4.7
R 203	117-1031-10	1/10W 10k
R 204	117-1031-10	1/10W 10k
R 206	117-1031-10	1/10W 10k
R 207	117-1021-10	1/10W 1k
R 208	117-5631-10	1/10W 56k
R 209	117-1031-10	1/10W 10k
R 210	117-1031-10	1/10W 10k
R 211	117-1821-10	1/10W 1.8k
R 212	117-4731-10	1/10W 47k
R 213	117-6811-10	1/10W 680
R 214	117-4731-10	1/10W 47k
R 250	117-1541-10	1/10W 150k
R 251	117-1541-10	1/10W 150k
R 252	117-1051-10	1/10W 1M
R 253	117-1051-10	1/10W 1M
R 254	117-2231-10	1/10W 22k
R 255	117-2231-10	1/10W 22k
R 256	117-1031-10	1/10W 10k
R 257	117-3331-10	1/10W 33k
R 258	117-3331-10	1/10W 33k
R 259	117-1031-10	1/10W 10k

REF No.	PART No.	DESCRIPTION
R 260	117-2731-10	1/10W 27k
R 261	117-2731-10	1/10W 27k
R 262	117-1231-10	1/10W 12k
R 263	117-1231-10	1/10W 12k
R 264	117-9131-10	1/10W 91k
R 265	117-9131-10	1/10W 91k
R 266	117-2221-10	1/10W 2.2k
R 267	117-2221-10	1/10W 2.2k
R 270	117-1031-10	1/10W 10k
R 271	117-1031-10	1/10W 10k
R 274	117-4741-10	1/10W 470k
R 275	117-1841-10	1/10W 180k
R 276	117-1031-10	1/10W 10k
R 277	117-2231-10	1/10W 22k
R 300	117-1031-10	1/10W 10k
R 301	117-2241-10	1/10W 220k
R 302	117-2241-10	1/10W 220k
R 303	117-2211-10	1/10W 220
R 304	117-4711-10	1/10W 470
R 305	117-8221-10	1/10W 8.2k
R 306	117-8221-10	1/10W 8.2k
R 307	117-1031-10	1/10W 10k
R 308	117-1231-10	1/10W 12k
R 309	117-1241-10	1/10W 120k
R 310	117-2231-10	1/10W 22k
R 311	117-1041-10	1/10W 100k
R 312	117-2231-10	1/10W 22k
R 313	117-1041-10	1/10W 100k
R 314	117-1041-10	1/10W 100k
R 315	117-1041-10	1/10W 100k
R 350	117-1541-10	1/10W 150k
R 351	117-1541-10	1/10W 150k
R 352	117-7521-10	1/10W 7.5k
R 353	117-1241-10	1/10W 120k
R 354	117-1241-10	1/10W 120k
R 355	117-1021-10	1/10W 1k
R 356	117-1031-10	1/10W 10k
R 357	117-1031-10	1/10W 10k
R 358	117-1031-10	1/10W 10k
R 359	117-1031-10	1/10W 10k
R 360	117-1031-10	1/10W 10k
R 361	117-1031-10	1/10W 10k
R 362	117-1031-10	1/10W 10k
R 363	117-1031-10	1/10W 10k
R 364	117-1031-10	1/10W 10k
R 365	117-1031-10	1/10W 10k
R 400	117-5621-10	1/10W 5.6k
R 401	117-1021-10	1/10W 1k
R 402	117-2231-10	1/10W 22k
R 403	117-2231-10	1/10W 22k
R 404	117-2221-10	1/10W 2.2k
R 405	117-2221-10	1/10W 2.2k
R 407	117-1021-10	1/10W 1k
R 409	117-2221-10	1/10W 2.2k
R 450	117-2231-10	1/10W 22k
R 451	117-2231-10	1/10W 22k
R 452	117-2231-10	1/10W 22k
R 453	117-2231-10	1/10W 22k
R 454	117-2221-10	1/10W 2.2k
R 455	117-2221-10	1/10W 2.2k
R 456	117-2221-10	1/10W 2.2k
R 457	117-2221-10	1/10W 2.2k
R 458	117-2221-10	1/10W 2.2k
R 459	117-2221-10	1/10W 2.2k
R 460	117-2221-10	1/10W 2.2k
R 461	117-2221-10	1/10W 2.2k
R 500	117-1001-10	1/10W 10
R 501	117-1001-10	1/10W 10
R 504	117-5621-10	1/10W 5.6k
R 505	117-5631-10	1/10W 56k
R 506	117-5631-10	1/10W 56k
R 507	117-5621-10	1/10W 5.6k
R 510	117-4731-10	1/10W 47k
R 511	117-4731-10	1/10W 47k
R 512	117-5621-10	1/10W 5.6k
R 513	117-5631-10	1/10W 56k
R 514	117-5631-10	1/10W 56k
R 515	117-5621-10	1/10W 5.6k
R 516	117-4731-10	1/10W 47k
R 517	117-4731-10	1/10W 47k
R 518	117-1001-10	1/10W 10
R 519	117-1001-10	1/10W 10
R 520	117-4721-10	1/10W 4.7k
R 550	117-1051-10	1/10W 1M
R 551	117-1051-10	1/10W 1M

REF No.	PART No.	DESCRIPTION
R 552	117-1541-10	1/10W 150k
R 553	117-1021-10	1/10W 1k
R 554	117-1541-10	1/10W 150k
R 555	117-1021-10	1/10W 1k
R 556	117-3321-10	1/10W 3.3k
R 557	117-1021-10	1/10W 1k
R 558	117-3321-10	1/10W 3.3k
R 559	117-1021-10	1/10W 1k
R 560	117-3321-10	1/10W 3.3k
R 561	117-1021-10	1/10W 1k
R 562	117-3321-10	1/10W 3.3k
R 600	117-4731-10	1/10W 47k
R 601	117-1041-10	1/10W 100k
R 602	117-1521-10	1/10W 1.5k
R 603	117-1041-10	1/10W 100k
R 604	117-1831-10	1/10W 18k
R 605	117-1041-10	1/10W 100k
R 606	117-1041-10	1/10W 100k
R 607	111-1521-91	1/4WS 1.5k
R 608	117-1031-10	1/10W 10k
R 609	117-1031-10	1/10W 10k
R 610	117-4711-10	1/10W 470
R 611	117-1841-10	1/10W 180k
R 612	117-2431-10	1/10W 24k
R 613	117-2431-10	1/10W 24k
R 614	117-1841-10	1/10W 180k
R 615	117-4711-10	1/10W 470
R 616	117-3331-10	1/10W 33k
R 617	117-1031-10	1/10W 10k
R 618	117-3341-10	1/10W 330k
R 619	117-8221-10	1/10W 8.2k
R 620	117-3341-10	1/10W 330k
R 621	117-3341-10	1/10W 330k
R 622	117-1531-10	1/10W 15k
R 623	117-8221-10	1/10W 8.2k
R 624	117-2741-10	1/10W 270k
R 625	117-2741-10	1/10W 270k
R 626	117-8221-10	1/10W 8.2k
R 627	117-1041-10	1/10W 100k
R 628	117-1041-10	1/10W 100k
R 629	117-5611-10	1/10W 560
R 630	117-5611-10	1/10W 560
R 631	117-1021-10	1/10W 1k
R 632	117-1021-10	1/10W 1k
R 633	117-1021-10	1/10W 1k
R 634	117-4721-10	1/10W 4.7k
R 635	117-2731-10	1/10W 27k
R 636	117-2731-10	1/10W 27k
R 650	116-3321-10	1/8W 3.3k
R 651	117-4731-10	1/10W 47k
R 652	117-4731-10	1/10W 47k
R 653	117-4721-10	1/10W 4.7k
R 654	117-4721-10	1/10W 4.7k
R 655	117-2231-10	1/10W 22k
R 656	117-4721-10	1/10W 4.7k
R 657	117-4721-10	1/10W 4.7k
R 658	117-1021-10	1/10W 1k
R 659	117-3331-10	1/10W 33k
R 660	117-1021-10	1/10W 1k
R 661	116-3321-10	1/8W 3.3k
R 662	117-4711-10	1/10W 470
R 663	117-5131-10	1/10W 51k
R 664	117-3331-10	1/10W 33k
R 665	117-3331-10	1/10W 33k
R 666	117-4731-10	1/10W 47k
R 667	117-4731-10	1/10W 47k
R 668	117-4731-10	1/10W 47k
R 669	117-3331-10	1/10W 33k
R 670	117-3331-10	1/10W 33k
R 671	117-5621-10	1/10W 5.6k
R 672	117-2231-10	1/10W 22k
R 673	117-2731-10	1/10W 27k
R 674	117-3331-10	1/10W 33k
R 675	117-3331-10	1/10W 33k
R 676	117-3331-10	1/10W 33k
R 677	117-3331-10	1/10W 33k
R 700	117-4721-10	1/10W 4.7k
R 703	117-3331-10	1/10W 33k
R 704	117-3331-10	1/10W 33k
R 705	117-5131-10	1/10W 51k
R 706	117-5131-10	1/10W 51k
R 709	117-3331-10	1/10W 33k
R 710	117-3331-10	1/10W 33k
R 711	117-5131-10	1/10W 51k
R 712	117-5131-10	1/10W 51k

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
R 800	117-1041-10	1/10W 100k	R 828	117-1041-10	1/10W 100k	R 863	117-1021-10	1/10W 1k
R 801	117-4731-10	1/10W 47k	R 830	117-1041-10	1/10W 100k	R 864	117-1031-10	1/10W 10k
R 802	117-3331-10	1/10W 33k	R 831	117-1041-10	1/10W 100k	R 865	117-2231-10	1/10W 22k
R 803	117-1041-10	1/10W 100k	R 832	117-1031-10	1/10W 10k	R 866	111-5611-91	1/4WS 560
R 804	117-1021-10	1/10W 1k	R 837	117-1031-10	1/10W 10k	R 867	117-4731-10	1/10W 47k
R 805	111-2221-91	1/4WS 2.2k	R 838	117-4731-10	1/10W 47k	R 868	117-1031-10	1/10W 10k
R 806	111-1531-91	1/4WS 15k	R 841	117-4731-10	1/10W 47k	R 950	117-1091-10	1/10W 1
R 807	117-5621-10	1/10W 5.6k	R 843	117-1041-10	1/10W 100k	R 951	117-1091-10	1/10W 1
R 808	117-1031-10	1/10W 10k	R 844	117-4721-10	1/10W 4.7k	R 952	111-3311-91	1/4WS 330
R 809	117-1031-10	1/10W 10k	R 845	117-4721-10	1/10W 4.7k	R 953	117-1091-10	1/10W 1
R 810	117-4731-10	1/10W 47k	R 846	117-4721-10	1/10W 4.7k	R 954	117-1091-10	1/10W 1
R 811	117-1031-10	1/10W 10k	R 847	117-4721-10	1/10W 4.7k	R 955	111-3311-91	1/4WS 330
R 812	117-4731-10	1/10W 47k	R 850	117-2231-10	1/10W 22k	S 850	013-7104-00	
R 813	117-4721-10	1/10W 4.7k	R 851	117-1821-10	1/10W 1.8k	SUP 100	060-0122-20	DSP-141N-S00B
R 814	117-4721-10	1/10W 4.7k	R 852	117-1031-10	1/10W 10k	TH 150	002-0228-00	
R 815	117-1021-10	1/10W 1k	R 853	117-2721-10	1/10W 2.7k	TH 151	002-0229-01	
R 816	117-6831-10	1/10W 68k	R 854	117-1031-10	1/10W 10k	VR 100	012-5203-55	4.7k
R 817	117-1021-10	1/10W 1k	R 855	117-1031-10	1/10W 10k	VR 101	012-5203-56	10k
R 818	117-1021-10	1/10W 1k	R 856	117-1521-10	1/10W 1.5k	VR 102	012-5203-55	4.7k
R 819	117-1031-10	1/10W 10k	R 857	117-1031-10	1/10W 10k	VR 600	012-5203-53	2.2k
R 820	117-1031-10	1/10W 10k	R 858	117-4721-10	1/10W 4.7k	VR 601	012-5203-53	2.2k
R 821	117-2231-10	1/10W 22k	R 859	117-2721-10	1/10W 2.7k	X 400	061-1066-00	7.2MHz
R 822	117-4731-10	1/10W 47k	R 860	117-1031-10	1/10W 10k	X 650	060-1025-90	8.0MHz
R 824	117-4731-10	1/10W 47k	R 861	114-2291-11	1W 2.2	X 800	060-1025-90	8.0MHz
R 825	117-4731-10	1/10W 47k	R 862	117-1031-10	1/10W 10k			

Connector PWB section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
D 1001	001-0334-30	RL202	F 1000	060-0057-06	10A	TR 1001	009-0666-62	0.4mH
D 1002	001-0330-00	1SS119						

Switch PWB section for PU-1569A-C

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C 900	178-1042-78	0.1 μ F	D 940	001-4300-31	HZU 5.6B1	R 951	117-2221-10	1/10W 2.2k
C 901	178-2232-78	0.022 μ F	D 943	001-0516-00	MA111	R 952	117-2221-10	1/10W 2.2k
C 902	178-2232-78	0.022 μ F	D 944	001-0516-00	MA111	R 953	117-2221-10	1/10W 2.2k
C 950	176-2201-00	22pF CH	D 945	001-0516-00	MA111	R 1000	117-1521-10	1/10W 1.5k
C 951	176-2201-00	22pF CH	D 946	001-0516-00	MA111	R 1001	117-1521-10	1/10W 1.5k
C 952	176-2201-00	22pF CH	D 947	001-0516-00	MA111	R 1002	117-1821-10	1/10W 1.8k
C 953	176-2201-00	22pF CH	D 948	001-0516-00	MA111	R 1003	117-1521-10	1/10W 1.5k
C 954	178-1032-78	0.01 μ F	D 949	001-0412-19	GL-3TR8	R 1004	117-1521-10	1/10W 1.5k
C 955	178-1032-78	0.01 μ F	D 950	001-0516-00	MA111	R 1005	117-1821-10	1/10W 1.8k
D 914	001-7031-04	VR-1112H-17	D 951	001-0516-00	MA111	S 900	013-6302-01	SKQMAL
D 915	001-7031-04	VR-1112H-17	D 1000	001-7035-00	LB3336-N	S 901	013-6302-01	SKQMAL
D 916	001-7031-04	VR-1112H-17	D 1001	001-7035-00	LB3336-N	S 902	013-6302-01	SKQMAL
D 917	001-7031-04	VR-1112H-17	D 1002	001-7031-04	VR-1112H-17	S 903	013-6302-01	SKQMAL
D 918	001-7031-04	VR-1112H-17	IC 900	051-6001-01	μ PD16431AGC-7ET	S 904	013-6302-01	SKQMAL
D 919	001-7031-04	VR-1112H-17	R 914	117-1221-10	1/10W 1.2k	S 905	013-6302-01	SKQMAL
D 920	001-7031-04	VR-1112H-17	R 915	117-1221-10	1/10W 1.2k	S 906	013-6302-01	SKQMAL
D 921	001-7031-04	VR-1112H-17	R 916	117-1221-10	1/10W 1.2k	S 907	013-6302-01	SKQMAL
D 923	001-7031-04	VR-1112H-17	R 917	117-1221-10	1/10W 1.2k	S 908	013-6302-01	SKQMAL
D 924	001-7031-04	VR-1112H-17	R 918	117-1521-10	1/10W 1.5k	S 909	013-6302-01	SKQMAL
D 925	001-7031-04	VR-1112H-17	R 919	117-1821-10	1/10W 1.8k	S 910	013-6302-01	SKQMAL
D 926	001-7031-04	VR-1112H-17	R 920	117-1521-10	1/10W 1.5k	S 911	013-6302-01	SKQMAL
D 927	001-7031-04	VR-1112H-17	R 921	117-1031-10	1/10W 10k	S 912	013-6302-01	SKQMAL
D 928	001-7031-04	VR-1112H-17	R 922	117-1821-10	1/10W 1.8k	S 913	013-6302-01	SKQMAL
D 929	001-7031-04	VR-1112H-17	R 923	117-1041-10	1/10W 100k	S 914	013-6302-01	SKQMAL
D 930	001-7031-04	VR-1112H-17	R 924	117-1521-10	1/10W 1.5k	S 915	013-6302-01	SKQMAL
D 931	001-7031-04	VR-1112H-17	R 925	117-1521-10	1/10W 1.5k	S 916	013-6302-01	SKQMAL
D 932	001-7031-04	VR-1112H-17	R 926	117-1031-10	1/10W 10k	S 917	013-6302-01	SKQMAL
D 933	001-7031-04	VR-1112H-17	R 927	117-2721-10	1/10W 2.7k	S 918	013-6302-01	SKQMAL
D 934	001-7031-04	VR-1112H-17	R 928	117-2721-10	1/10W 2.7k	S 919	013-6302-01	SKQMAL
D 935	001-7031-04	VR-1112H-17	R 929	117-1221-10	1/10W 1.2k	S 920	013-6302-01	SKQMAL
D 936	001-7031-04	VR-1112H-17	R 930	117-1221-10	1/10W 1.2k	S 921	013-6302-01	SKQMAL
D 937	001-7031-04	VR-1112H-17	R 931	117-1221-10	1/10W 1.2k	S 922	013-6302-01	SKQMAL
D 938	001-7031-04	VR-1112H-17	R 932	117-1221-10	1/10W 1.2k	S 923	013-6302-01	SKQMAL
D 939	001-0528-31	MA8056-L	R 933	117-1221-10	1/10W 1.2k	S 924	013-6302-01	SKQMAL
D 939	001-0574-31	DTZ5.6A	R 934	117-1221-10	1/10W 1.2k	S 925	013-6302-01	SKQMAL
D 939	001-4300-31	HZU 5.6B1	R 935	117-2221-10	1/10W 2.2k	VR 900	016-0012-00	
D 940	001-0528-31	MA8056-L	R 936	117-2221-10	1/10W 2.2k			
D 940	001-0574-31	DTZ5.6A	R 950	117-2221-10	1/10W 2.2k			

Switch PWB section for PU-1582A-C

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C 900	178-1042-78	0.1 μ F	C 907	176-2201-00	22pF CH	D 919	001-7031-04	VR-1112H-17
C 901	178-2232-78	0.022 μ F	C 908	176-2201-00	22pF CH	D 920	001-7031-04	VR-1112H-17
C 902	178-2232-78	0.022 μ F	D 914	001-7031-04	VR-1112H-17	D 921	001-7031-04	VR-1112H-17
C 903	178-1032-78	0.01 μ F	D 915	001-7031-04	VR-1112H-17	D 922	001-7031-04	VR-1112H-17
C 904	178-1032-78	0.01 μ F	D 916	001-7031-04	VR-1112H-17	D 923	001-7031-04	VR-1112H-17
C 905	176-2201-00	22pF CH	D 917	001-7031-04	VR-1112H-17	D 924	001-7031-04	VR-1112H-17
C 906	176-2201-00	22pF CH	D 918	001-7031-04	VR-1112H-17	D 925	001-7031-04	VR-1112H-17

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
D 926	001-7031-04	VR-1112H-17	IC 900	051-6001-01	μPD16431AGC-7ET	R 990	117-1821-10	1/10W 1.8k
D 927	001-7031-04	VR-1112H-17	R 914	117-1221-10	1/10W 1.2k	R 991	117-1521-10	1/10W 1.5k
D 928	001-7031-04	VR-1112H-17	R 915	117-1221-10	1/10W 1.2k	R 992	117-1821-10	1/10W 1.8k
D 929	001-7031-04	VR-1112H-17	R 916	117-1521-10	1/10W 1.5k	R 993	117-1821-10	1/10W 1.8k
D 930	001-7031-04	VR-1112H-17	R 917	117-1521-10	1/10W 1.5k	R 994	117-1521-10	1/10W 1.5k
D 931	001-7031-04	VR-1112H-17	R 918	117-1521-10	1/10W 1.5k	R 995	117-1821-10	1/10W 1.8k
D 932	001-7031-04	VR-1112H-17	R 919	117-1521-10	1/10W 1.5k	S 900	013-6302-01	SKQMAL
D 933	001-7031-04	VR-1112H-17	R 920	117-1221-10	1/10W 1.2k	S 901	013-6302-01	SKQMAL
D 935	001-7031-04	VR-1112H-17	R 921	117-1031-10	1/10W 10k	S 902	013-6302-01	SKQMAL
D 936	001-7031-04	VR-1112H-17	R 922	117-1221-10	1/10W 1.2k	S 903	013-6302-01	SKQMAL
D 938	001-7031-04	VR-1112H-17	R 923	117-1041-10	1/10W 100k	S 905	013-6302-01	SKQMAL
D 939	001-7031-04	VR-1112H-17	R 924	117-1221-10	1/10W 1.2k	S 906	013-6302-01	SKQMAL
D 940	001-7031-04	VR-1112H-17	R 925	117-1221-10	1/10W 1.2k	S 907	013-6302-01	SKQMAL
D 941	001-7021-03	VR1101F	R 926	117-1031-10	1/10W 10k	S 908	013-6302-01	SKQMAL
D 943	001-0516-00	MA111	R 927	117-1221-10	1/10W 1.2k	S 909	013-6302-01	SKQMAL
D 944	001-0516-00	MA111	R 928	117-1221-10	1/10W 1.2k	S 912	013-6302-01	SKQMAL
D 945	001-0516-00	MA111	R 929	117-1521-10	1/10W 1.5k	S 913	013-6302-01	SKQMAL
D 946	001-0516-00	MA111	R 930	117-1521-10	1/10W 1.5k	S 914	013-6302-01	SKQMAL
D 947	001-0516-00	MA111	R 931	117-1821-10	1/10W 1.8k	S 915	013-6302-01	SKQMAL
D 948	001-0516-00	MA111	R 932	117-1821-10	1/10W 1.8k	S 916	013-6302-01	SKQMAL
D 949	001-7025-00	SLP-144B-51	R 933	117-1821-10	1/10W 1.8k	S 917	013-6302-01	SKQMAL
D 950	001-0516-00	MA111	R 934	117-2221-10	1/10W 2.2k	S 918	013-6302-01	SKQMAL
D 951	001-0516-00	MA111	R 935	117-1521-10	1/10W 1.5k	S 919	013-6302-01	SKQMAL
D 952	001-0528-31	MA8056-L	R 936	117-1521-10	1/10W 1.5k	S 920	013-6302-01	SKQMAL
D 952	001-0574-31	DTZ5.6A	R 937	117-2221-10	1/10W 2.2k	S 921	013-6302-01	SKQMAL
D 952	001-4300-31	HZU 5.6B1	R 938	117-2221-10	1/10W 2.2k	S 922	013-6302-01	SKQMAL
D 953	001-0528-31	MA8056-L	R 939	117-1521-10	1/10W 1.5k	S 923	013-6302-01	SKQMAL
D 953	001-0574-31	DTZ5.6A	R 940	117-2221-10	1/10W 2.2k	S 924	013-6302-01	SKQMAL
D 953	001-4300-31	HZU 5.6B1	R 941	117-2221-10	1/10W 2.2k	S 925	013-6302-01	SKQMAL
D 990	001-7035-00	LB3336-N	R 942	117-2221-10	1/10W 2.2k	VR 900	016-0012-01	
D 991	001-7035-00	LB3336-N	R 943	117-2221-10	1/10W 2.2k			

Switch PWB section for PU-1582A-D

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C 900	178-1042-78	0.1 μF	D 947	001-0516-00	MA111	R 934	117-1521-10	1/10W 1.5k
C 901	178-2232-78	0.022 μF	D 948	001-0516-00	MA111	R 935	117-1521-10	1/10W 1.5k
C 902	178-2232-78	0.022 μF	D 949	001-7025-00	SLP-144B-51	R 936	117-1521-10	1/10W 1.5k
C 903	178-1032-78	0.01 μF	D 950	001-0516-00	MA111	R 937	117-1521-10	1/10W 1.5k
C 904	178-1032-78	0.01 μF	D 951	001-0516-00	MA111	R 938	117-1521-10	1/10W 1.5k
D 900	001-7031-03	BG1112H-650	D 954	001-7031-03	BG1112H-650	R 939	117-1521-10	1/10W 1.5k
D 901	001-7031-03	BG1112H-650	D 980	001-0516-00	MA111	R 944	117-1521-10	1/10W 1.5k
D 902	001-7031-03	BG1112H-650	D 981	001-0516-00	MA111	R 945	117-1521-10	1/10W 1.5k
D 903	001-7031-03	BG1112H-650	D 982	001-0516-00	MA111	R 946	117-1521-10	1/10W 1.5k
D 904	001-7031-03	BG1112H-650	D 983	001-0516-00	MA111	R 947	117-1521-10	1/10W 1.5k
D 905	001-7031-03	BG1112H-650	D 984	001-0516-00	MA111	R 948	117-1521-10	1/10W 1.5k
D 906	001-7031-03	BG1112H-650	D 985	001-0516-00	MA111	R 949	117-1521-10	1/10W 1.5k
D 907	001-7031-03	BG1112H-650	D 986	001-0516-00	MA111	R 950	117-1521-10	1/10W 1.5k
D 908	001-7031-03	BG1112H-650	D 987	001-0516-00	MA111	R 951	117-1521-10	1/10W 1.5k
D 909	001-7031-03	BG1112H-650	IC 900	051-6001-01	μPD16431AGC-7ET	R 952	117-1521-10	1/10W 1.5k
D 910	001-7031-03	BG1112H-650	R 900	117-1021-10	1/10W 1k	R 953	117-1521-10	1/10W 1.5k
D 911	001-7031-03	BG1112H-650	R 901	117-1021-10	1/10W 1k	R 954	117-1221-10	1/10W 1.2k
D 912	001-7031-03	BG1112H-650	R 902	117-1021-10	1/10W 1k	R 955	117-1221-10	1/10W 1.2k
D 913	001-7031-03	BG1112H-650	R 903	117-1021-10	1/10W 1k	R 956	117-1821-10	1/10W 1.8k
D 914	001-7031-03	BG1112H-650	R 904	117-1021-10	1/10W 1k	R 957	117-1821-10	1/10W 1.8k
D 915	001-7031-03	BG1112H-650	R 905	117-1021-10	1/10W 1k	R 958	117-1821-10	1/10W 1.8k
D 916	001-7031-03	BG1112H-650	R 906	117-1021-10	1/10W 1k	R 959	117-1221-10	1/10W 1.2k
D 917	001-7031-03	BG1112H-650	R 907	117-1021-10	1/10W 1k	R 960	117-1221-10	1/10W 1.2k
D 918	001-7031-03	BG1112H-650	R 908	117-1021-10	1/10W 1k	S 900	013-6302-01	SKQMAL
D 919	001-7031-03	BG1112H-650	R 909	117-1021-10	1/10W 1k	S 901	013-6302-01	SKQMAL
D 920	001-7031-03	BG1112H-650	R 910	117-1021-10	1/10W 1k	S 902	013-6302-01	SKQMAL
D 921	001-7031-03	BG1112H-650	R 911	117-1021-10	1/10W 1k	S 903	013-6302-01	SKQMAL
D 922	001-7034-00	BG1102W-640	R 912	117-1021-10	1/10W 1k	S 905	013-6302-01	SKQMAL
D 923	001-7034-00	BG1102W-640	R 913	117-1021-10	1/10W 1k	S 906	013-6302-01	SKQMAL
D 924	001-7034-00	BG1102W-640	R 914	117-1521-10	1/10W 1.5k	S 907	013-6302-01	SKQMAL
D 925	001-7034-00	BG1102W-640	R 915	117-1521-10	1/10W 1.5k	S 908	013-6302-01	SKQMAL
D 926	001-7034-00	BG1102W-640	R 916	117-1521-10	1/10W 1.5k	S 909	013-6302-01	SKQMAL
D 927	001-7034-00	BG1102W-640	R 917	117-1521-10	1/10W 1.5k	S 912	013-6302-01	SKQMAL
D 928	001-7031-03	BG1112H-650	R 918	117-1521-10	1/10W 1.5k	S 913	013-6302-01	SKQMAL
D 929	001-7031-03	BG1112H-650	R 919	117-1521-10	1/10W 1.5k	S 914	013-6302-01	SKQMAL
D 930	001-7031-03	BG1112H-650	R 920	117-1521-10	1/10W 1.5k	S 915	013-6302-01	SKQMAL
D 931	001-7031-03	BG1112H-650	R 921	117-1031-10	1/10W 10k	S 916	013-6302-01	SKQMAL
D 932	001-7031-03	BG1112H-650	R 922	117-1521-10	1/10W 1.5k	S 917	013-6302-01	SKQMAL
D 933	001-7031-03	BG1112H-650	R 923	117-1041-10	1/10W 100k	S 918	013-6302-01	SKQMAL
D 935	001-7031-03	BG1112H-650	R 924	117-1521-10	1/10W 1.5k	S 919	013-6302-01	SKQMAL
D 936	001-7031-03	BG1112H-650	R 925	117-1821-10	1/10W 1.8k	S 920	013-6302-01	SKQMAL
D 938	001-7031-03	BG1112H-650	R 926	117-1031-10	1/10W 10k	S 921	013-6302-01	SKQMAL
D 939	001-7031-03	BG1112H-650	R 927	117-1821-10	1/10W 1.8k	S 922	013-6302-01	SKQMAL
D 940	001-7031-03	BG1112H-650	R 928	117-1821-10	1/10W 1.8k	S 923	013-6302-01	SKQMAL
D 941	001-7021-00	BG1101F	R 929	117-1521-10	1/10W 1.5k	S 924	013-6302-01	SKQMAL
D 943	001-0516-00	MA111	R 930	117-1521-10	1/10W 1.5k	S 925	013-6302-01	SKQMAL
D 944	001-0516-00	MA111	R 931	117-1521-10	1/10W 1.5k	VR 900	016-0012-01	
D 945	001-0516-00	MA111	R 932	117-1521-10	1/10W 1.5k			
D 946	001-0516-00	MA111	R 933	117-1521-10	1/10W 1.5k			